REFERENCES

1. N. Chawla and K.K. Chawla, Metal Matrix Composites, Springer-Verlag, New York, 2006

2. J.M. Kunze and C.C. Bampton, Challenges to Developing and Producing MMCs for Space Applications, JOM, Vol 53, 2001, p 22–25

3. P. Rohatgi, Cast Aluminium-Matrix Composites for Automotive Applications, JOM, Vol 43, 1991, p 10–15

4. P.K. Rohatgi, D. Weiss, and N. Gupta, Applications of Fly Ash in Synthesizing Low-Cost MMCs for Automotive and Other Applications, JOM, Vol 58, 2006, p 71–76

5. J.S. Shelley, R. LeClaire, and J. Nichols, Metal-Matrix Composites for Liquid Rocket Engines, JOM, Vol 53, 2001, p 18–21

6. T. Suganuma, and A. Tanaka, Application of Metal Matrix Composites to Diesel Engine Pistons, J. Iron Steel Inst. Jpn.,Vol 75, 1989, p 1790–1797

7. F.A. Badia and P.K. Rohatgi, Dispersion of Graphite Particles in Aluminium Castings Through Injection of the Melt, Am. Foundrymen Soc. Trans., Vol 77, 1969, p 402

8. M.D. Skibo, and D.M. Schuster, Process for Preparation of Composite Materials Containing Nonmetallic Particles in a Metallic Matrix, and Composite Materials Made Thereby, U.S. Patent 4,786,467, 1988

9. J.U. Ejiofor and R.G. Reddy, Developments in the Processing and Properties of Particulate Al-Si Composites, JOM, Vol 49, 1997, p 31–37

10. L. Ma, F. Chen, and G. Shu, Preparation of Fine Particulate Reinforced Metal Matrix Composites by High Intensity Ultrasonic Treatment, J. Mater. Sci. Lett., Vol 14, 1995, p 649–650

11. Y. Yang, J. Lan, and X. Li, Study on Bulk Aluminium Matrix Nano-Composite Fabricated by Ultrasonic Dispersion of Nano-Sized SiC Particles in Molten Aluminium Alloy, Mater. Sci. Eng. A,
Vol 380, 2004, p 378–383

12. P.K. Rohatgi, R. Asthana, and S. Das, Solidification, Structures and Properties of Cast Metal-Ceramic Particle Composites, Int. Met. Rev., Vol 31, 1986, p 115–139

13. Gowri Shankar, M.C, Jayashree,et.al: Individual and Combined Effect of Reinforcements on Stir Cast Aluminium Metal Matrix Composites. A Review, International Journal of Current Engineering and Technology, Vol.3, No.3, 2013.

14. Rajesh Kumar, GangaramBhandare, Parshuram M. Sonawane: Preparation of Aluminium Matrix Composite by Using Stir Casting Method, International Journal of Engineering and Advanced Technology, Vol, 3, Issue 2, 2013.

15. Pradeep, R., Praveen Kumar, B.S and Prashanth: Evaluation of mechanical properties of aluminium alloy 7075 reinforced with silicon carbide and red mud composite, International Journal of Engineering Research and General Science, Vol. 2, Issue 6, (1081-88), 2014.

16. Muzakkir, A. K.: An Overview on Effect of Reinforcement and Process Parameters on Properties of Aluminium Based Metal Matrix, International Journal of Research in Engineering and Science (IJRES), Volume 2 Issue 10, 2014.

17. Schoutens J E , Hand Book of Ceramics and Composites, Vol 1, p 495

18. Vedula K and Stephens J R , Proceeding of Materials Research Society Symposium, 81, 1987, p 381

19. BendixenJ and Mortensen A , Particle/Matrix Bonding In Alumina-Steel Composites, ScnptaMetallurgica et Matenalia v 25 n 8 August, 1991 p 1917-1920

20. Talvitie M J and Lindroos V K , Proceedings of Powder Metallurgy World Conference , 2, 1994, p 1465

21. Nutt S R Journal of American Ceramic Society, 71, 1988, p 149

22.BonfieldW , Interfaces in Metal Matrix Composites, Ed Metcalfe A G , Academic Press, New York, 1974, p 363

23. OdoncoJ , Proceedings of the 1st France-Japan Seminar on Composite Materials, Paris-Le Bourget, March 1990

24. Kamat S V ,Hirt J P and Mehrabian R , Acta Metallurgical, 37,1989, p 2395

25. Lloyd D J and Chamberlain B , Properties of Shape-Cast Al-SiC Matrix Composites, In Cast Reinforced Metal Composites, World Mater Congress, Chicago, September, 1988, pp 263-269

26. Lloyd D J, Aspect of Fracture in Particulate Reinforced Metal Matrix Composites, Acta Metallurgical Materials, 39, 1991, pp 59-71

27. Watt D F Xu X Q and Lloyd D J , Effect of Particle Morphology and Spacing on the Strain Fields In a Plastically Deforming Matrix, Acta Material, 44,1996, pp789-799

28. Surappa M K , Microstructure Evolution During Solidification of DRMMC (Discontinously Reinforced Metal Matrix Cmposites) State of Art, Journal Materials Processing Technology, 63, 1997, pp 325-333

29. Bonollo F , Guemero R , Sentimanti E , Tangenni I and Yang V L , Effect of Quenching on the Mechanical Properties of Powder Metallurgy Produced Al-SiCParticles, Metal Matrix Composites, Material Science and Engineering, A144, 1991, pp 303-310

30. [68] Lee H C and Kim M S , A Fabrication Method of Aluminium-Short Fibre Alumina Matrix Composites by Compocasting, Proceedings of the KSME-JSME Joint Conference, 1990, pp 471-475

31. Miwa K , Takashi I And Ohashi T , Fabrication of SiC Whiskers Reinforced Aluminium Matrix Composites by CompocastingProcess, Proceedings of the 2nd International Conference On The Semi Solid Alloys and Composites, Eds Brown S B and Fleming M C , MIT, Massachussets, 1993, p 398-405

32. Carotenuto G , Gallo A andNocolais L , Degradation of SiC Particles InAlummium-Based Composites, Journal Materials Science, 29, 1994, pp 4967- 4974

33. Mummery P and Derby B , Influence of Microstructure On the Fracture Behaviour of Particulate Metal matrix Composites, Materials Science &Engineering A Structural Materials Properties, Microstructure and Processing Papers on Metal Matrix Composites, A135, 1991, pp 221-224

34.AsthanaR , and Tewan S N , Interfacial and Capillary Phenomena In Solidification Processing of Metal Matrix, Composites Manufacturing, 4, March, 1993, p 3-25

35. Sekkar J A , Material Science & Engineering, 147, 1991, pp 9-21

36. KrishnanBPSurappaMK and Rokatgi P K , Journal of Materials Science, 16, 1981, pp 1209-1216

37. Lajoye L and SueryM , Solidification Processing, Proceedings Conference Sheffield, September, 1987, pp 473-476

38. Rohatgi P K ,Asthana R and Das S , Solidification, Structure and Properties of Cast Metal-Matnx Composites, International Metal Review, 31,1986, p 115- 139

39. SkiboM , Moms P L and Lloyd D J , Structure and Properties of Liquid Metal Processed SiC Reinforced Aluminium, World Materials Congress, Chicago, 1988, pp 257-262

40. Thomas D G , AICHE J, 1, 1962, p 373

41. Laffremere S and Iron G A , Sedimentation During Liquid Processing of Metal Matrix Composites, Proceedings of International Symposium ' Production, Refining, Fabrication and Recycling of Light Metals', EdsBoushard M and Tremblay P , Pergamon Press, 1990, pp 177-186